

Converting Colors

XYZ(31.4555, 35.7125, 43.3650)

Have a look what the booklet for
XYZ(31.4555, 35.7125, 43.3650)
contains.

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Color

**XYZ(31.3731, 35.5780,
43.2439)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA6AA
RGB	138, 166, 170
RGB Percent	54%, 65%, 67%
CMY	0.4588, 0.3490, 0.3333
CMYK	0.19, 0.02, 0.00, 0.33
HSL	187°, 16%, 60%
HSV	187°, 19%, 67%
XYZ	31.3731, 35.5780, 43.2439
YIQ	158.0840, -17.9720, -4.6920

Conversions

Conversions Part 2

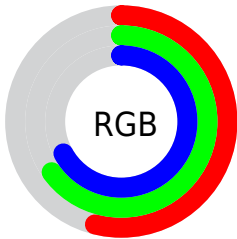
Format	Color
RYB	138, 153, 170
Decimal	9086634
CIELab	66.20, -8.75, -5.29
CIElCh	66, 10.223, 211.190
Yxy	35.5780, 0.2847, 0.3229
Android (android.graphics.Color)	4287276714 (0xFF8AA6AA)
YUV	158.0840, 5.8746, -17.6137
Hunter-Lab	59.6473, -10.4959, -1.2318

Details

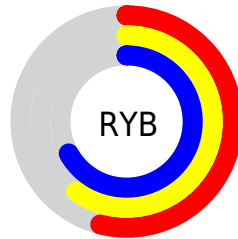
The XYZ color **31.3731, 35.5780, 43.2439** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.8382, 29.7269, 28.1578**, and the grayscale version is **32.5183, 34.2118, 37.2566**.

A 20% lighter version of the original color is **61.1853, 68.3556, 81.2033**, and **13.2178, 15.3689, 19.4094** is the 20% darker color. If you saturate the color by 10%, you get **28.3951, 33.4753, 42.9956**, and if you desaturate by 10%, it is **34.7998, 37.9233, 43.5166**.

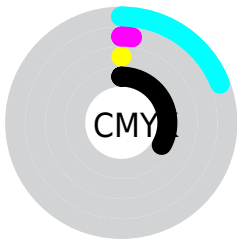
Distribution



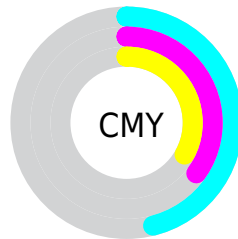
- Red (54%)
- Green (65%)
- Blue (67%)



- Red (54%)
- Yellow (60%)
- Blue (67%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3731, 35.5780, 43.2439 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 31.3731, 35.5780, 43.2439 by changing the saturation by 10% instead.

■ 31.3731, 35.5780,
43.2439

■ 31.3731, 35.5780,
43.2439

300.0498,
327.1123, 375.5645

■ 21.0363, 24.1085,
29.7437

■ 61.1989, 68.3802,
81.3691

■ 13.2632, 15.4141,
19.3937

■ 81.4186, 90.4817,
106.8312

■ 7.6883, 9.1105,
11.7754

■ 105.6633,
116.8959, 137.1176

■ 3.9463, 4.8133,
6.4703

134.2984,
148.0073, 172.6470

■ 1.6718, 2.1382,
3.0597

167.6893,
184.2002, 213.8378

■ 0.4385, 0.6860,
1.1252

206.2012,

■ 0.0000, 0.0000,

225.8591, 261.1087

0.0000

250.1996,
273.3683, 314.8780

■ 31.3731, 35.5780,
43.2439

■ 31.3731, 35.5780,
43.2439

■ 28.3951, 33.4753,
42.9956

■ 34.7998, 37.9233,
43.5166

■ 25.8423, 31.6003,
42.7682

■ 38.6912, 40.5168,
43.8121

■ 23.6936, 29.9430,
42.5616

■ 43.0664, 43.3693,
44.1320

■ 21.9249, 28.4909,
42.3745

■ 47.9424, 46.4895,
44.4773

■ 20.5096, 27.2303,
42.2058

■ 53.3354, 49.8858,
44.8486

■ 19.4174, 26.1455,
42.0540

■ 59.2609, 53.5664,
45.2467

■ 18.6131, 25.2183,
41.9174

■ 64.9932, 57.1571,
45.6377

■ 18.0305, 24.4145,
41.7929

■ 65.4279, 58.0265,
45.7826

■ 17.9660, 24.3226,
41.7786

■ 65.8693, 58.9092,
45.9297

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.9730, 35.5780, 38.9127



31.3731, 35.5780, 43.2439



32.4247, 35.5780, 46.5578

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.3731, 35.5780, 43.2439



36.4460, 35.5780, 42.9203



33.7551, 35.5780, 30.9471

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



31.3731, 35.5780, 43.2439



30.8382, 29.7269, 28.1578

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.2461, 35.5780, 31.8475



31.3731, 35.5780, 43.2439



36.8275, 35.5780, 38.5646

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.3731, 35.5780, 43.2439



35.3544, 35.5780, 46.3613



36.3822, 35.5780, 34.5572



32.3225, 35.5780, 32.0005

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.3731, 35.5780, 43.2439



33.3695, 35.5780, 47.6270



36.3822, 35.5780, 34.5572



34.2661, 35.5780, 31.0308

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



31.3741, 35.5795, 43.2447



64.9713, 70.0387, 79.0964



29.7190, 36.0983, 30.8882



14.3933, 15.5548, 17.6315



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.3741, 35.5795, 43.2447



54.3429, 62.7476, 78.2492



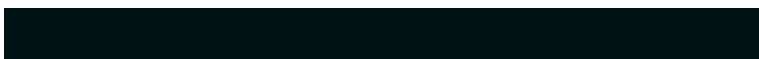
28.6864, 30.2040, 42.3488



7.6664, 8.3698, 9.6298



13.2436, 17.9474, 30.7417



0.3438, 0.4798, 0.7551

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.5497, 29.4768, 40.0522



56.9350, 49.4963, 71.1639



33.3470, 34.7444, 28.9940



7.8010, 7.6502, 9.2691



16.1853, 7.8829, 21.5854



0.4047, 0.1961, 0.5825

Previews

White Background



This preview shows how the XYZ color 31.3731, 35.5780, 43.2439 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 31.3731, 35.5780, 43.2439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

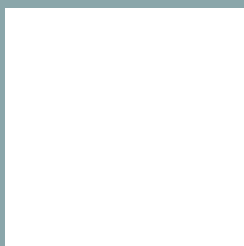
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.3731, 35.5780, 43.2439

Background



This preview shows how black text looks on a background with the XYZ color 31.3731, 35.5780, 43.2439.

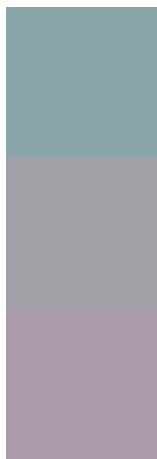


This preview shows how white text looks on a background with the XYZ color 31.3731, 35.5780,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

31.3731, 35.5780, 43.2439

Protanopia

34.3540, 35.5762, 41.1326

Deuteranopia

36.1294, 35.4134, 43.9610



Tritanopia

32.3062, 35.7001, 47.3076

Trichromacy



Original Color

31.3731, 35.5780, 43.2439

Protanomaly

33.0323, 35.4030, 41.6517

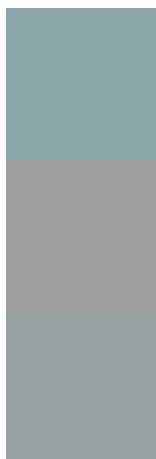
Deuteranomaly

34.2196, 35.4528, 43.5676

Tritanomaly

31.8405, 35.4944, 45.7304

Monochromacy



Original Color

31.3731, 35.5780, 43.2439

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.0290, 34.6777, 39.1878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3731, 35.5780, 43.2439 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 166, 170)` looks like.

```
.text, #text, p{  
    color:rgb(138, 166, 170)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 166, 170) }
```

Border

The CSS property to change the border of an element to XYZ 31.3731, 35.5780, 43.2439 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 166, 170) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 166, 170) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(138, 166, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 166, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 166, 170);  
box-shadow:4px 4px 4px 4px rgb(138, 166,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3731, 35.5780, 43.2439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 166, 170) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138,  
166, 170) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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